

Title (en)

METHOD FOR CONCENTRATING PHOSPHORIC ACID

Title (de)

VERFAHREN ZUR AUFKONZENTRIERUNG VON PHOSPHORSÄURE

Title (fr)

PROCEDE DE CONCENTRATION D'ACIDE PHOSPHORIQUE

Publication

EP 0989953 A1 20000405 (FR)

Application

EP 98925344 A 19980612

Priority

- BE 9800088 W 19980612
- BE 9700508 A 19970612

Abstract (en)

[origin: WO9856713A1] The invention concerns a method for concentrating phosphoric acid consisting in precipitating a phosphoric acid salt with a precipitating agent in a solvent; separating in solid state the salt; melting a phosphoric acid salt derived from said precipitated salt, the thermal treatment comprising a salt which is that of a volatile compound with a melting point lower than that of phosphoric acid, and has a thermal decomposition temperature lower than the boiling point of phosphoric acid; thermal decomposition of the fused salt with evaporation of the volatile compound, and collecting non-evaporated concentrated phosphoric acid.

IPC 1-7

C01B 25/234

IPC 8 full level

C01B 25/234 (2006.01)

CPC (source: EP)

C01B 25/234 (2013.01)

Citation (search report)

See references of WO 9856713A1

Designated contracting state (EPC)

BE DE ES FI FR GB IT NL SE

DOCDB simple family (publication)

WO 9856713 A1 19981217; AU 7752998 A 19981230; BE 1011211 A6 19990601; DE 69804451 D1 20020502; EP 0989953 A1 20000405; EP 0989953 B1 20020327; ES 2174442 T3 20021101; MA 24568 A1 19981231

DOCDB simple family (application)

BE 9800088 W 19980612; AU 7752998 A 19980612; BE 9700508 A 19970612; DE 69804451 T 19980612; EP 98925344 A 19980612; ES 98925344 T 19980612; MA 25112 A 19980612